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(54) Title: BLIND SEARCH FOR NETWORK POSITIONING REFERENCE SIGNAL (PRS) CONFIGURATION PARAMETERS

(57) Abstract: A method for blindly determining positioning reference signals in a wireless communication network determines a positioning reference signal (PRS) network configuration by estimating a PRS energy from predetermined locations of each subframe of an incoming signal. Such a method may also include blindly detecting PRS parameters based on the estimated PRS energy. The PRS energy may be peak energy responses for deep searches or verifications. The PRS energy may be a signal to noise plus noise ratio for shallow searches.

**Declarations under Rule 4.17:**

— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17(H))

— as to the applicant’s entitlement to claim the priority of the earlier application (Rule 4.17(Hi))

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INTERNATIONAL SEARCH REPORT

According to International Patent Classification (IPC) onto both national classification and IPC

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H04L27/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>X</td>
<td>MOTOROLA: &quot;Link Results for RSTD Accuracy&quot;, 3GPP DRAFT; R4-100510, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE; 650, ROUTE DES LUCIOLES; F-06921 SOPHIA-ANTI POLIS CEDEX; FRANCE, vol. RAN WG4, no. San Francisc o, USA; 20100222, 1 March 2010 (2010-03-01), XP050426259, [retrieved on 2010-03-01] page 1, last line page 6, paragraph 1-2</td>
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